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China Report

PLANT AND INSTALLATION DATA

No. 28

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Item: Baoji Nonferrous Metal Processing Plant
[1403 7741 2589 5331 6855 1466 0502 1562 0617]

Location: Baoji, Shaanxi, PRC

Data: In March 1981, through the China Metallurgy Import and Export Corporation, this plant reached an agreement with the U.S. WJS Corporation involving the long-term supply of titanium alloy ingots. The agreement stipulates that this plant will supply the U.S. firm with 600 metric tons of titanium alloy ingot from May 1981 to December 1982. In March a contract was signed for 200 metric tons of alloy in 1981 valued at nearly \$US5 million.

Source: Xian SHAANXI RIBAO in Chinese 10 Apr 81 p 1

Item: Haicheng Xian Casting Plant
[3189 1004 4905 6999 6644 0617]

Location: Haicheng County, Liaoning, PRC

Data: This plant has successfully produced calcium plastic products made of a mixture of raw materials including polyvinyl chloride and lightly burned magnesium powder. It is used for making outer cases for electric meters, television sets, and radio sets, as well as for manufacturing building materials, such as ceiling and floor board, fencing walls and window frames.

Source: Shenyang LIAONING RIBAO in Chinese 22 Mar 81 p 1

Item: Wuhan Iron and Steel Company
[2976 3352 6921 6993 0361 0674]

Location: Wuhan, Hubei, PRC

Data: The special steel for bicycles smelted by this company is "basically" up to the level of imported steel. Since 1974, the Shanghai bicycle industry has been using SPH-3 steel imported from Japan to upgrade the bicycle quality. In 1979 this company began using the 1070 rolling machine to turn out high-grade steel for Shanghai's bicycle industry. Annual consumption of this special steel in Shanghai has jumped from 9,000 metric tons to 20,000 metric tons.

Source: Beijing RENMIN RIBAO in Chinese 17 Apr 81 p 4

Item: Echeng Iron and Steel Mill
[6759 1004 6921 6993 0617]

Location: Echeng, Hubei, PRC

Data: Shifting its emphasis from serving the capital construction and heavy industries to serving agriculture and light industry, this mill has rearranged the structure of its products and has considerably reduced the production of high-grade steel and is giving priority to the production of ordinary steel and wire materials for making walking plows, platform carts, bicycles, umbrellas and furniture, and for building construction. It has signed contracts for the delivery of 3,000 metric tons of plowshare and plowshaft steel during the first half of 1981. In line with the readjustment plan, this enterprise has canceled plans for the construction of two 15-ton converters scheduled for 1981, thereby saving 20 million yuan in investment.

Source: Wuhan HUBEI RIBAO in Chinese 14 Apr 81 p 2

Item: Xinyi Iron and Steel Mill
[0207 1355 6921 6993 0617]

Location: Xinyi Cheng, Guangzhou, Guangdong, PRC

Data: In an advertisement carried in the NANFANG RIBAO, the sale price of carbon steel produced by this mill is 1,100 yuan per ton and that of high-manganese steel is 1,500-1,600 yuan per ton.

Source: Guangzhou, NANFANG RIBAO in Chinese 1 May 81 p 3

Item: Tongguan Xian Gold Mining Industry Company
[3392 7070 4905 7806 6855 4349 2814 0361 0674]

Location: Tongguan County, Shaanxi, PRC

Data: Over 470 cadres and commune members were selected and organized into 25 teams specializing in gold mining in Tongguan County. Last year, over 6,400 metric tons of ores containing gold were mined. Of this, 2,041 liang (Chinese ounce, equals 50 grams) of gold were recovered after processing, exceeding the provincially allotted production figure by 6.8 times. In addition, 1,397 liang of silver were recovered. The total cash income was over 729,000 yuan.

Source: Xian SHAANXI RIBAO in Chinese 15 Mar 81 p 1

Item: Hanzhong City Iron Mill
[3352 0022 1579 6995 0617]

Location: Hanzhong, Shaanxi, PRC

Data: Workers and cadres are in the process of closing this mill and safeguarding its fixed assets totaling nearly 2.2 million yuan. This plant went into production in 1972 and engaged in scrap iron smelting and processing. Due to high costs and technological lag, it had accumulated a loss in capital of over 1 million yuan. During the first quarter of last year, the cost of iron smelting was 147 yuan per ton, but sold at 115 yuan per ton. After 3 months, cumulative loss was 44,000 yuan. Production was stopped in April. This spring the Hanzhong City Committee decided that the mill should close down. Teams of workers are in the process of dismantling the mill's machinery and equipment and packing everything for storage.

Source: Xian SHAANXI RIBAO in Chinese 11 May 81 p 1

II. TRANSPORTATION EQUIPMENT INDUSTRY

Item: Yunnan Motor Vehicle and Passenger Motor Vehicle Repair and Parts Plant
[3189 0589 3086 6508 1356 6508 0208 6792 0617]

Location: Yunnan, PRC

Data: On 1 April 1981 this plant came into being when the Yunnan Motor Vehicle Repair Plant No 2 and the Yunnan Motor Vehicle Repair Plant No 3 officially merged. Subordinate to the Yunnan Province Transportation Industry Company, the plant produces the model-JT661 and the larger model-JT662 [EQ-140] long-distance passenger motor vehicles as well as some parts for Liberation-brand motor vehicles. It is located in the western suburbs of Kunming.

Source: Kunming YUNNAN RIBAO in Chinese 17 May 81 p 1

Item: Panshan Xian Fishing Port
[4149 1472 4905 3342 3263]

Location: Eastern shore of Pohai in Liaoning, PRC

Data: After 2 years of construction work, this new fishing port, located along a channel at the mouth of the Shuantai River, can accommodate 100 fishing vessels. Its facilities include fish and weather information dissemination systems, aquaproduct purchasing station, fishery supply station, marine product processing plant, food grain station, coal yard, consumer goods and subsidiary food stores, and health clinic.

Source: Shenyang LIAONING RIBAO in Chinese 24 Mar 81 p 1

Item: Qingdao Port
[7230 1497 3263]

Location: Qingdao, Shandong, PRC

Data: [1] The Huangdao Wharf at this port installed a petroleum meter and put it into operation recently after a year of test runs. The petroleum meter has a flow capacity of 6,000 cubic meters per hour. This is the largest of its kind in China. It consists of flowmeters, filters, devices to separate the oil from the air, alarm systems and flow valves. It has the latest techniques ever used in China. It is designed for exporting crude oil from the Shengli Oilfield.

[2] A set of large, automatic oil measuring equipment of advanced technology has been completed and put into operation at the Huangdaoyou wharf of this port. This is the first large oil-measuring equipment installed in the seaport. Designed and manufactured by the Kaifeng Meters Plant, the equipment has been tested by the State Bureau of Weights and Measures, the Communications Ministry and the State Meters and Instruments Industry Bureau and has shown to be of reliable quality. It can measure and monitor crude oil flow automatically, perform by remote control and load tankers with a fixed quantity of crude, delivering 6,000 cubic meters per hour.

Source: [1] Jinan Shandong Provincial Service in Mandarin 2300 GMT 7 Apr 81 SK

[2] Beijing XINHUA Domestic Service in Chinese 0010 GMT 14 Apr 81 OW

III. ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES

Item: Hebei Province Telephone Equipment Plant
[3109 0554 4164 7193 6114 2623 0617]

Location: Hebei, PRC

Data: A 2,000-line automatic crossbar switchboard, model-HJ921, was successfully developed by this plant and tested in Xuanhua, Hebei. Circuit capabilities and specifications all met the designed requirements and the rate of "calls connected during large volume of traffic" was 99.53 percent. During May and June of last year, the provincial Posts and Telecommunications [P and T] Administrative Bureau acted as intermediary for contract negotiations between this plant and the Xuanhua P and T Bureau for a 2,000-line automatic crossbar switchboard. Previously, the plant had only produced crossbar switchboards up to several hundred lines. This relatively small-sized plant with 400 workers spent 300 work days on this project and finally produced the HJ921. The HJ is the Ministry of Posts and Telecommunications [MPT] designator for municipal telephone switchboards. The 9 indicates that it is a crossbar type and the 21 is a serial number. The HJ921 is a medium-sized crossbar switchboard with 500 to 5,000-lines. The rate of "calls connected during large volume of traffic" is obtained from test conducted during the switchboard's installation when 24 phone sets are picked up and dialed simultaneously to simulate the busiest conditions and the MPT's qualifying rate is 99 percent.

Source: Shijiazhuang HEBEI RIBAO in Chinese 16 May 81 p 1

Item: Shenyang Radio Plant No 6
[3088 7122 3541 4848 7193 0362 0617]

Location: Shenyang, Liaoning, PRC

Data: During the first quarter of 1981, this plant produced 3,800 console radio receiving sets, 1,300 sets above the planned target. By improving its existing equipment and building a special production line, the plant was able to raise its production capacity nearly three times as compared to 1980. Its principal product is the Mingzhu [2494 3796] brand tri-purpose (receiver, phonograph and amplifier) console-type radio set.

Source: Shenyang LIAONING RIBAO in Chinese 24 Apr 81 p 2

Item: Shenyang Radio Plant No 12
[3088 7122 3541 4848 7193 0577 0059 0617]

Location: Shenyang, Liaoning, PRC

Data: This plant has won the local first prize for its product--Baihua [4102 5363] brand 12-inch black and white television set. An enterprise owned by the whole people, this small-scale plant began mass producing the 12-inch black and white television sets in April 1979 in competition with four state-operated television set plants in Shenyang, Fushun, Dandong and Dalian.

Source: Shenyang LIAONING RIBAO in Chinese 24 Apr 81 p 2

Item: Nei Monggol Broadcasting Equipment Plant
[0355 5536 0657 1684 2330 6080 0271 0617]

Location: Nei Monggol AR, PRC

Data: Workers here are stepping up the trial production of "Swan" brand television sets to meet the needs of local herders. It is estimated that the plant will turn out 30,000 sets this year.

Source: Beijing RENMIN RIBAO in Chinese 21 Apr 81 p 5

Item: Liaoning Radio Plant No 8
[6697 13d0 3541 4848 7193 0360 0617]

Location: Probably Shenyang, Liaoning, PRC

Data: Workers and technicians here installed on their own two semi-automatic continuous production lines and placed them into production on 6 May. With these two new facilities, the plant's monthly B & W television set output will increase from 7,000 to 21,000.

Source: Shenyang LIAONING RIBAO in Chinese 10 May 81 p 1

Item: Shijiazhuang City Radio Plant No 2
[4258 1367 8369 1579 3541 4848 7193 0059 0617]

Location: Shijiazhuang, Hebei, PRC

Data: Recently, the 3DA series [3DA201-210] UHF high-power transistors produced by this plant passed appraisalment by related organizations and consumer representatives and has officially gone into production. This type of transistor is used in radar, multi-channel microwave communications, various radio station and remote control jamming equipment.

Source: Shijiazhuang HEBEI RIBAO in Chinese 28 Mar 81 p 1

Item: Qinghai Radio Plant No 2
[7230 3189 3541 4848 7193 0059 0617]

Location: Probably Xining, Qinghai, PRC

Data: This plant has shifted its operation from making goods for the military to manufacturing civilian goods. In 1980, instead of reporting a loss, the plant made a profit of 240,000 yuan. It has signed contracts this year for 1.2 million amplifiers.

Source: Beijing RENMIN RIBAO in Chinese 20 May 81 p 2

Item: Qingdao Wristwatch Plant
[7230 1497 2087 5903 0617]

Location: Qingdao, Shandong, PRC

Data: This plant's wristwatch output for the first quarter of 1981 showed an increase of 47.3 percent over that of the same 1980 period. It also reported a 74.6-percent increase in profit for the same period. Since 1976, the plant has been registering an average yearly increase in wristwatch output of 10,000. In 1979, it produced 615,000 wristwatches.

Source: Jinan DAZONG RIBAO in Chinese 17 Apr 81 p 1

Item: Huangpu Instruments Plant
[7806 3184 0308 0892 0617]

Location: Shanghai, PRC

Data: This plant, which has been producing items for the military over a long period of time, has started manufacturing table model transistor radio receivers, sewing-embossing machines, and house appliance switches. It plans to turn out 30,000 radio receivers annually.

Source: Shanghai WEN HUI BAO in Chinese 25 Apr 81 p 1

Item: Changsha Electric Meter Plant
[7022 3097 7193 5903 0617]

Location: Changsha, Hunan, PRC

Data: In cooperation with 27 machinery plants in Changsha City, this plant has been manufacturing more electric meters that are in short supply. Its electric meter output sharply jumped from 50,000 in 1979 to 261,000 in 1980. Its electric meter output for the first quarter of 1981 doubled that of the comparable period of last year.

Source: Beijing RENMIN RIBAO in Chinese 29 Apr 81 p 1

Item: Shanghai Computer and Typewriter Plant
[0006 3189 6060 4615 2623 2092 1316 2623 0617]

Location: Shanghai, PRC

Data: This plant has succeeded in making typewriters for the Uigur, Kazak and Kirgis languages. Test use of the prototypes has been satisfactory, and the typewriters have been put into production. Earlier, typewriters for the Mongolian and Tibetan languages were made by this plant.

Source: Beijing Domestic Service in Mandarin 0900 GMT 11 Apr 81 CW

Item: Lushan Electronic Instrument Plant
[1687 1472 7193 1311 0308 0892 0617]

Location: Lushan, Jiangxi, PRC

Data: The FS-1 lock-in amplifier [suo xiang fang da qi 6936 4161 2397 1129 0892], an electronic detector capable of identifying the feeble signals in the world of nature, was recently put into operation at this plant. This is the result of the plant's cooperation with the Beijing Physics Institute under the Chinese Academy of Sciences. With this detector, it is possible to locate the feeble signals of light, electricity, heat, sound and magnetic force, which are normally overshadowed by noise or other interferences. It can be widely used in physics, chemistry, geology, engineering technology, meteorology and biology. This plant has manufactured the FS-1 and FS-2 lock-in amplifiers, which are being used in a hundred or so units in Shanghai, Beijing, Tianjin and Xian. It plans to produce the FS-3 lock-in amplifier within this year.

Source: Beijing XINHUA Domestic Service in Chinese 0234 GMT 23 May 81 CW

Item: Shanghai Solvents Plant
(0006 3189 3310 0495 0617)

Location: Shanghai, PRC

Data: Supplying much needed basic raw material to the medical, electronic, light, chemical, forestry and military industries, this plant makes 28 products including general solvents, formaldehyde, plasticizers and other organic chemical products. In the past 2 years production has steadily increased. In 1979, its product value and profit both indicated more than 15 percent increase over 1978. The 1980 product value and profit increased over 1979 by 14.1 percent and 11.8 percent respectively. The plant's annual oil consumption is over 30,000 metric tons making it one of the 25 largest consumers of fuel in Shanghai.

Source: Shanghai WEN HUI BAO in Chinese 4 Apr 81 p 1

Item: Liaoyang Chemical Plant
(6697 7122 0553 1962 0617)

Location: Liaoyang, Liaoning, PRC

Data: During the first quarter of this year, this plant's gross value of industrial output was over 243.71 million yuan, exceeding planning by 710,000 yuan. The production of polyethylene achieved a new high with 3,193 metric tons produced in March.

Source: Shenyang LIAONING RIBAO in Chinese 5 Apr 81 p 1

Item: Harbin Chemical Plant No 6
0761 1422 3453 0553 1562 0362 0617)

Location: Harbin, Heilongjiang, PRC

Data: As a result of rearranging the structure of its products, this plant is now producing perfumes and eyeglasses. Discovering that there is a shortage of perfume in the local light industry, this plant modified two sets of equipment for perfume production and successfully turned out ethyl acetate, ethyl caproate, ethyl lactate, and other products. To meet the local demand, it also makes all types of eyeglasses, using its own raw materials and processing techniques.

Source: Harbin HARBIN RIBAO in Chinese 20 Apr 81 p 1

Item: Dalian Potassium Chlorate Plant
[1129 6647 3048 6808 6903 0617]

Location: Dalian, Shandong, PRC

Data: On 8 May, this plant was fined 10,000 yuan for polluting the sea. The monthly rewards were also withheld from the plant manager and environmental protection section chief who were directly responsible for the violation. In February this year, the plant discharged 20 metric tons of oil-bearing water into the Dalian Bay, causing pollution in the area.

Source: Shenyang LIAONING RIBAO in Chinese 10 May 81 p 1

Item: Haizhou Open-Pit Mine
[3189 1558 7216 1131 4349]

Location: Fuxin, Liaoning, PRC

Data: Last year, improvements were made in the strip-to-ore ratio and transport conditions and the open-pit surface plate was extended from 3 to 6 meters. As a result, more coal was opened and the amount of minable coal increased. This year's planned coal production is not expected to fall behind. So far in January and February of 1981, 25,000 cubic meters more soil have been stripped than last year yielding 13,000 metric tons more coal. The daily coal extraction amount has increased from 11,000 metric tons to 13,000 metric tons.

Source: Shenyang LIAONING RIBAO in Chinese 21 Mar 81 p 1

Item: Kunming Refinery
[2492 2494 0396 3550 0617]

Location: Kunming, Yunnan, PRC

Data: In 1980, this plant's industrial output value was 73.1 million yuan, an increase of 19 percent over 1979. The quality of its mainline products has improved and its refined gold and silver have reached first-grade quality. Last year, a profit of 5.34 million yuan was realized, an increase of 23.6 percent over 1979. An increase of 31.5 percent in taxes was handed over to the state. This economic success is due primarily to strict management and the implementation of system of responsibilities at all work levels in all five workshops. During that same year, a total of 4,927 tons of metal was refined from raw ores purchased from other organizations or processed for other organizations, accounting for one-fifth of the total amount of metal refined by this plant during 1980. The additional income from this source resulted in 800,000 yuan more tax revenue to the state. This year, contracts have been signed with organizations in Chengdu, Xichang, Yunlong and Gejiu supplying 8,670 tons of material for processing.

Source: Kunming YUNNAN RIBAO in Chinese 29 Apr 81 p 1

Item: Liaohe Oil Field
[6697 3109 3111 3944]

Location: Liaohe, Liaoning, PRC

Data: Not only have workers completed the first quarter well drilling footage quota 4 days ahead of schedule, but the 150,000 meter quota was exceeded by 114 percent. Daily crude production levels have increased also. In March 423,700 metric tons of crude were produced, completing the March crude production plan ahead of schedule.

Source: Shenyang LIAONING RIBAO in Chinese 4 Apr 81 p 1

Item: Anshan Institute of Thermal Energy
[7254 1472 3583 5174 4282 4496 2076]

Location: Anshan, Liaoning, PRC

Data: Engineers at the institute have successfully developed 10 high purity coking products extracted from common coking products. Filling the research and production gap in this technological area, the 10 high purity chemical products include anthracene, naphthalene, florene, acenaphthene, carbazole and anthraquinone. These are samples of arene with partially condensed nucleus and will provide raw material for nuclear experiments and for the production of organic semiconductors and photoconductors. This institute will be able to supply PRC plants with this type of chemical products previously available only through import.

Source: Shenyang LIAONING RIBAO in Chinese 21 Mar 81 p 2

Item: [Jianbi] Power Plant
[[6169 1084] 7193 0617]

Location: Jianbi, Jiangsu, PRC

Data: A 10,000-ton-class wharf, the fourth phase of an expansion project of this plant, has been completed. It began to unload coal on 15 April. The wharf is one of the biggest along the Changjiang River. It can berth 25,000-ton-class oceangoing ships and can load and unload 3 million metric tons of cargo a year.

Source: Nanjing Provincial Service in Mandarin 2300 GMT 15 Apr 81 OW

Item: China Coal Development Company
[0022 0948 3561 8955 4099 1455 0361 0674]

Location: Beijing, PRC

Data: With the approval of the State Import-Export Administrative Commission, this company was recently established in Beijing. A state-run enterprise directly affiliated with the Ministry of Coal Industry and responsible for its profits or losses, the company is authorized to negotiate and sign trade agreements and contracts with foreign businessmen. Its business includes handling compensatory trade and joint ventures regarding China's coal development as well as business on exporting coal products, accepting foreign investments, conducting geological surveys of coalfields in foreign countries, furnishing information on coalfield planning and construction, handling imports and exports of special technology, equipment and machinery for coal mining, promoting technical exchanges and accepting various forms of technical cooperation through its various branch companies.

Source: Beijing XINHUA Domestic Service in Chinese 1419 GMT 21 May 81 OW

Item: Tianqiao Hydroelectric Power Station
[1131 2890 3055 0500 4099 7193 4541]

Location: Baode County, Shanxi, PRC

Data: This station with a total generating capacity of 128,000 kilowatts has started operation here. It is one of a series of power stations on the middle reaches of the Yellow River, following the completion of the Qingtongxia Power Station in 1978. The station's dam is 772 meters long and 49.7 meters high. The reservoir stores 67 million cubic meters of water.

Source: Beijing XINHUA in English 0219 GMT 30 May 81 OW

Item: [Hetan] Hydroelectric Power Station
[.... 3055 0500 4099 7193 4541]

Location: Xinchang County along the middle and lower reaches of the Hongshui River in Guangxi, PRC

Data: The first hydroelectric power station in Guangxi, this hydroelectric power station began generating electricity on 25 April. The power generated by this station has now been integrated into the region's main electricity network. By 28 April, after 72 hours, the station was functioning properly. The station consists of a 60,000 kilowatt generator assembly with a transmission capacity of 328 million kilowatt-hours. Construction of the station began in March 1977. The project consisted of 29,000 cubic meters of earthwork, 204,900 cubic meters of stonework and 97,000 cubic meters of concrete.

Source: Nanning Guangxi Regional Service in Mandarin 1130 GMT 1 May 81 HK

Item: (Fulaerji) Power Plant
[(1381 2139 3643 1015) 7193 0617]

Location: Fulaerji, Heilongjiang, PRC

Data: Major parts of this plant have been completed after 32 months of construction. The plant is located on the Nenjiang River, Qiqihar Municipality, and will be the largest thermal power plant in Heilongjiang Province. It has three 200,000-kilowatt generators and three 6.7 million-ton boilers. The first set of generators will be put into operation in October.

Source: Harbin Heilongjiang Provincial Service in Mandarin 1100 GMT 2 May 81 SK

Item: Xiaoxiang Reservoir
[8711 3276 3055 1655]

Location: Qujing, Yunnan, PRC

Data: Located in the upper reaches of the Xiaoxiang River, a tributary of the Nanpan River, this medium-size reservoir is not only used for water storage, crop irrigation and flood control, but is a key element in controlling the Nanpan River. Originally constructed in 1958 with successive repairs, in 1976 the reservoir's designed capacity reached 34 million cubic meters. In 1978, the main dike was raised 2 meters. At the same time, two 61.5 km canals were constructed in the north and south. Eight regulating sluice gates were installed along the canal together with 19 power pumping stations and 306 auxiliary items. The effective irrigation area was expanded to 55,000 mu. In addition, the over 50,000 non-agricultural population of Qujing County was assured of a daily water supply and an industrial water supply.

Source: Kunming YUNNAN RIBAO in Chinese 12 Apr 81 p 2

VI. MACHINE-BUILDING INDUSTRY

Item: Shiguang Machinery Plant
[5002 0342 2623 2750 0617]

Location: Shanghai, PRC

Data: This plant was originally a war industry enterprise supplying the aerospace, superconduction, and nuclear reactor industries with vacuum equipment. Because of readjustment of the national economy, the war industry assignments given to this plant have been reduced yearly. Last year, the state had stopped giving work assignments to the plant. In view of this situation, the managing and technical personnel began investigating the needs of the light, textile and handicraft industries and discovered that a prototype of the vacuum continuous film plating machine, which the plant had trial produced in 1964 but was turned down by the authorities with "leftist" ideas and later used by the Shanghai Wire Plant No 5 to make gold and silver metal threads, is in great demand. Using the 1964 blueprint and making some modifications of the prototype machine, technicians at the plant built two new-type vacuum continuous film plating machines which were quickly purchased by the customers. To date, the plant has signed contracts with the wire belting trade for more than 80 of the machines. In 1981, jobs contracted by this plant for the whole year are worth 10.6 million yuan, far exceeding its annual productive output capacity with a gross output value of 7 million yuan.

Source: Shanghai WEN HUI BAO in Chinese 25 Apr 81 p 1

Item: Zhaotong Prefecture General Purpose Machinery Plant
[2507 6639 0966 0575 6639 3938 2623 2750 0617]

Location: Zhaotong Prefecture, Yunnan, PRC

Data: In an effort to make industrial adjustments, this plant has turned to the light industry market and will resume production of a popular brand of hunting rifle. Back in 1961 this plant began the production of hunting rifles and in 1964 the (model-) 61 hunting rifle was widely acclaimed by provincial authorities. During the Cultural Revolution, production of the 61 hunting rifle was stopped and only recently in March of this year was production resumed. The first batch of hunting rifles was sold in Dali County. Orders for 200 rifles were submitted from Jianchuan and Puyuan counties. Eventually, a total of over 10,000 rifles were ordered by various provincial organizations.

Source: Kunming YUNNAN RIBAO in Chinese 5 Apr 81 p 2

Item: Shenyang Machine Tool Plant No 1
[3058 7122 4574 0001 2894 1643 0617]

Location: Shenyang, Liaoning, PRC

Data: The S1-240 piston lathe and the S1-241 piston ring lathe manufactured by this plant have been declared up to standard at a recent national conference attended by representatives of 20 factories. These two machine tools are indispensable equipment for the automobile and shipbuilding industries.

Source: Shenyang LIAONING RIBAO in Chinese 22 Mar 81 p 1

Item: Shanghai Tool Plant
[0006 3189 1562 0367 0617]

Location: Shanghai, PRC

Data: One of China's four major tool plants, this plant recently signed a contract with the Shanghai Eyeglass Plant No 1 for the trial production of 60 cutting tools for making plastic eyeglass frames. With an annual output of 30 million cutting tools, this plant primarily turns out tools for cutting metals. This is its first attempt in manufacturing tools for cutting plastics.

Source: Shanghai WEN HUI BAO in Chinese 25 Apr 81 p 1

Item: Shanghai Internal Combustion Engine Plant
[0006 3189 0355 3595 2623 0617]

Location: Shanghai, PRC

Data: Ten years ago, this was an agricultural chemicals machinery plant specializing in the production of equipment for plant protection. The production of diesel engines began in 1970. Starting in 1972, plant workers set up 10 diesel engine component assembly lines and important technological and structural improvements were made on the diesel engine. In 1978, the production of the model-495A diesel engine received certification of "reliability" from the First Ministry of Machine Building and in 1980, it received the state "golden quality" award. Production of this diesel engine increased from 3,000 in 1976 to 9,500 in 1980.

Source: Shanghai JIEFANG RIBAO in Chinese 5 May 81 p 1

Item: Nanjing Machine Tool Plant
[0589 0079 2623 1643 0617]

Location: Nanjing, Jiangsu, PRC

Data: Formerly known as one of the "Eighteen Luohans" under the First Ministry of Machine-Building, this "big" plant had been supplying the war industry, mining, and other heavy industrial enterprises with machine tools. Changing its past practice of not serving the smaller light industrial plants and "getting down from its high horse," the plant began rearranging its products to serve the needs of smaller factories last year, thereby permitting it to operate at full capacity regularly. It has signed contracts with a number of factories for more than 900 machine tools of all types. Its annual production is expected to surpass that of last year.

Source: Nanjing XINHUA RIBAO in Chinese 12 Mar 81 p 1

Item: Huanghe Machinery and Equipment Plant
[7806 3109 2623 0892 0455 6644 0617]

Location: Shaanxi, PRC

Data: Last year, this state-owned plant test produced over 2,000 12-inch black and white television sets which successfully passed appraisalment and was put on trial sale. The success of this product has prompted the plant to go into production on a larger scale this year. Originally established in the 1950's, it is primarily concerned with producing radio equipment for the military. Production goals have expanded to include the civilian market. A 2,500 square meter production area was set aside and a total of 183 cadres and technicians were assigned to this workshop. This year, a maintenance and repair service department was established along with four assembly lines and a special instrument adjustment and testing line. The production workshop has the capacity to produce 60,000 black and white television sets per year. At present efforts are under way for the test production of color television sets.

Source: Xian SHAANXI RIBAO in Chinese 2 May 81 p 1

Item: Changling Machinery and Equipment Plant
[7022 1545 2623 0892 0617]

Location: Changling, Shaanxi, PRC

Data: This state-operated plant is a fairly large national defense enterprise. During the economic adjustment period, its production mission had been insufficient. To remedy this situation in 1979 it began making civilian products as well as using its equipment and technical capabilities to aid the light and textile industries. In this capacity, it has taken on jobs ranging from producing complete sets of equipment to making small spare parts worth from 10,000 yuan to .03 yuan. Since last year, over 400 contracts were signed in cooperation with over 130 organizations in light and textile industries, agreeing to process over 1,000 sideline products and equipment and over 250,000 parts. Last year, 700,000 yuan was earned from helping other plants to process goods and subsidizing its shortfalls in the production of military goods.

Source: Xian SHAANXI RIBAO in Chinese 6 May 81 p 1

Item: Hongling Machinery Plant
[4767 1545 2623 2750 0617]

Location: Shaanxi, PRC

Data: For the past few years, this state-operated plant has stressed the development of sideline products for the civilian market. This policy has benefited the plant in view of the fact that during a 3-year period over 1.1 million yuan in profits were handed over to the state, 340,000 yuan in 1978, 360,000 yuan in 1979 and 420,000 yuan in 1980. In the first quarter of 1981, over 30 percent of the year's planned product value was completed and 28 percent of the year's planned profit was realized. The plant completed 25 percent of its annual planned production of its major product, the 12-kilowatt gasoline generator. Preparations began in 1971 for the construction of this plant which has over 600 workers today. Over the years many types of goods were produced, including construction vehicles, buses, oil tanks, folding chairs and tables and steel pipe beds.

Source: Xian SHANXI RIBAO in Chinese 11 May 81 p 1

Item: Benxi City Tractor Plant
[2609 3305 1509 2151 2139 2623 0617]

Location: Benxi, Liaoning, PRC

Data: The People's Government of Benxi City decided on 9 April to transfer this plant from the Metallurgical Machinery Bureau to the No 1 Light Industry Bureau and renamed it the Benxi City Sewing Machine Plant No 2. It will join the General Sewing Machine Plant in manufacturing sewing machines. The reorganization of these two plants will permit Benxi City's annual sewing machine output capacity to jump from 150,000 to 300,000.

Source: Shenyang LIAONING RIBAO in Chinese 17 Apr 81 p 1

Item: Xiangyang Agricultural Machinery Plant
[0686 7122 6593 2814 2623 2750 0617]

Location: Shanghai, PRC

Data: Upon approval of higher authorities, this plant has been renamed the Xiangyang Machinery Plant of Shanghai.

Source: Shanghai JIEFANG RIBAO in Chinese 20 Apr 81 p 4

Item: Luoyang Tractor Plant No 1
(3157 7122 2151 2139 2623 0001 0617)

Location: Luoyang, Henan, PRC

Data: This plant has done well in gearing production to market needs. When the plant began production, it had exclusive rights to sell its main product, a large caterpillar tractor, to the state. Since the beginning of this year, the state has not made a production contract with and has not been the sole agent for this plant. As a result, the number of the caterpillar tractors sold by this plant has dropped from 24,000 last year to 8,000 this year. The principal leaders of this plant recently went deep into rural areas to conduct an investigation which revealed that the main reason for the drop in sales of the product was that the plant concentrated on production of one product only and uses of the caterpillar tractors are limited. At present, the consumers urgently need medium-size and small tractors which can be used for cultivation and transportation. The plant is now taking active measures to produce many kinds of products, including medium-size and small tractors, motor vehicles for civilian use, bicycles and consumer goods. The quantity of goods ordered this year is more than the quantity of goods sold last year by one-third.

Source: Zhengzhou Henan Provincial Service in Mandarin 1100 GMT 10 May 81 HK

Item: China Yachua Glass Corporation
[0022 0948 5069 5478 3788 3863 0361 0674]

Location: Qinhuangdao, Hebei, PRC

Data: On 1 May 1981, with the approval of the Hebei provincial government, this corporation was established as the first national corporation specializing in the glass industry. Formed from the provincially operated Qinhuangdao Yachua Glass Plant, Industrial and Technological Glass Plant and Glass Fiber Plant, it will be engaged in the production of plate glass, rolled glass, glass fiber, glass reinforced plastic and processed glass for civilian and military use. Kilns are in the process of being constructed which will have the capacity to produce 1.5 million standard crates of plate glass per year. Other products will also be produced according to market demand.

Source: Shijiazhuang HEBEI RIBAO in Chinese 11 May 81 p 1

Item: Kunming Cement Plant
[2492 2494 3053 3136 0617]

Location: In 1980, this plant's cement production, total output value and worker productivity have doubled over 1976 figures. It has gone from losing 1.7 million yuan a year to a profit of 1.4 million yuan in 1980. During the first quarter of this year, profits of over 800,000 yuan have been reported showing an increase of 57.6 percent over the same period last year.

Source: Kunming YUNNAN RIBAO in Chinese 12 May 81 p 1

Item: Yunnan Textile Mill
[7189 0589 4791 4930 0617]

Location: Yunnan, PRC

Data: With the implementation of cash awards in 1978, this plant has netted considerable profits each year. In 1978, a profit of 2.08 million yuan was realized, 3.61 million yuan in 1979 and 5.2 million yuan in 1980. Thus far in 1981, first quarter profits are reported at 2.02 million yuan fulfilling one-third of the year's planning.

Source: Kunming YUNNAN RIBAO in Chinese 19 May 81 p 1

Item: Kunhu Main Knitted Goods Mill
[2492 3275 6859 4930 4920 0617]

Location: Yunnan, PRC

Data: Last year a profit of 5.19 million yuan was realized by this mill exceeding planning by 103.9 percent and showing an increase of 83 percent over 1979. The annual planned profit fixed by the mill's superiors is 2.56 million yuan and this figure remains unchanged for 3 years. Part of this planning includes an 8-percent annual increase in net profits handed over to the state. Through the implementation of the system of responsibilities and cash bonuses, adjustments were made in the production structure. Production of goods in full supply was cut back and output of products in short supply was developed. In only 2 months, a line was set up for the production of warp knitted polyester outer garment material. Over a 6-month period, 84 tons of this material was manufactured and sold in Yunnan, Sichuan, Guizhou and Henan reaping a profit of 1.61 million yuan.

Source: Kunming YUNNAN RIBAO in Chinese 29 Apr 81 p 1

Item: Shanghai Switch Plant No 1
(0006 3189 4574 0001 7030 7070 0617)

Location: Shanghai, PRC

Data: Previously called the Shanghai Industrial and Agricultural Electric Equipment Plant (0006 3189 1562 6593 7193 0892 0617), this plant announced its new name in a newspaper ad. The change became effective on 1 May 1981.

Source: Shanghai JIEFANG RIBAO in Chinese 17 Apr 81 p 3

Item: Anshan Chemical Fiber Textile Mill
(7254 1472 0553 4960 4791 4930 0617)

Location: Anshan, Liaoning, PRC

Data: During the first 4 months of 1981, this mill, which was established less than 2 years ago, provided the market with 400,000 meters of imitation wool garbadine.

Source: Shenyang LIAONING RIBAO in Chinese 6 May 81 p 2

Item: Jiaxing Woolen Textile Mill
[0857 5281 4574 0059 3029 4791 4930 0617]

Location: Jiaxing, Zhejiang, PRC

Data: Zhejiang's first fine woolen textile mill, this newly built mill was put into operation at the end of March. Designed by Chinese engineers and completely equipped with Chinese-made machinery, it is one of the key projects in China's textile system. The mill has 5,148 spindles and an annual fine woolen textile product output of 1.2 million meters.

Source: Beijing RENMIN RIBAO in Chinese 11 Apr 81 p 1

Item: Luoyang Glass Plant
[3157 7122 3788 3863 0617]

Location: Luoyang, Henan, PRC

Data: An advanced method for making plate glass, the float-glass process now in use in industrially advanced countries, has been adopted by this plant. The State Scientific and Technological Commission approved the technological process and technical level of the process at a recent appraisal meeting in Luoyang. The production line of the process, designed by Chinese technicians, has been in experimental operation since September 1971. Scientists, professors and experts attending the meeting said that the process, which steadily produces plate glass of varying thickness from 3 to 12 millimeters, is easy to control and the quality of the products is better than that produced by other methods. The process is worthy of popularization, they said. The factory is now building a second float-glass process production line.

Source: Beijing XINHUA in English 1239 GMT 3 May 81 OW

Item: Nanjing Foundation Engineering Company
[0589 0079 1015 4342 1562 4453 0361 0674]

Location: Nanjing, Jiangsu, PRC

Data: This company, the first company of its kind in China, was established on 27 April. The company is formed jointly by the Nanjing Hydraulic Research Institute, the Water Transport Planning Institute under the Ministry of Communications, the Nanjing Shipyard and the State Administration of Building Engineering.

Source: Nanjing Jiangsu Provincial Service in Mandarin 1100 GMT 27 Apr 81 OW

Item: China National Electric Wire and Cable Export Corporation
[0022 0948 7193 4848 7193 4968 0427 0656 0361 0674]

Location: Beijing, PRC

Data: This corporation has been established here to promote exports and carry out technical exchanges with overseas firms. The corporation exports uninsulated electric wires, magnetic wires, power transmission cables and various kinds of communication cables. It also designs and manufactures special electric wires and cables, and undertakes processing with overseas customers' blueprints, samples and materials. The Beijing-based corporation consists of electric wire and cable plants in Beijing, Tianjin, Shanghai, Shenyang, Harbin, Zhengzhou and Guangzhou, as well as the Shanghai Cable Research Institute. It has an office in Guangzhou, capital of Guangdong Province.

Source: Beijing XINHUA in English 0149 GMT 15 May 81 OW

IX. PHOTOGRAPHS OF INDUSTRIAL FACILITIES



Fig. 1 China's new large-capacity telecommunication system--6,000 megahertz 1,800-channel telephone and color television microwave relay telecommunication system was successfully built by the No 4 Research Institute of the Xi'an Postal and Telecommunication Department.

[Source: Xi'an SHAANXI RIBAO in Chinese 7 May 81 p 1]



Fig. 2 Photograph of six cylindrical tanks at the large liquefied gas storage and distribution station in Dalian City, Liaoning Province. The station has a storage capacity of 2,400 cubic meters.

[Source: Beijing RENMIN RIBAO in Chinese 10 May 81 p 1]



Fig. 3 The Nei Monggol Broadcasting Equipment Plant is turning out Swan brand television sets for the pastoral areas. The plant is expected to manufacture 30,000 TV sets a year.

[Source: Beijing RENMIN RIBAO in Chinese 21 Apr 81 p 5]



Fig. 4 A 6-ton hydraulic folding-arm crane for work vessels was successfully built on a trial basis by the Jinzhou Mining Machinery Plant, Liaoning.

[Source: Shenyang LIAONING RIBAO in Chinese 6 May 81 p 1]

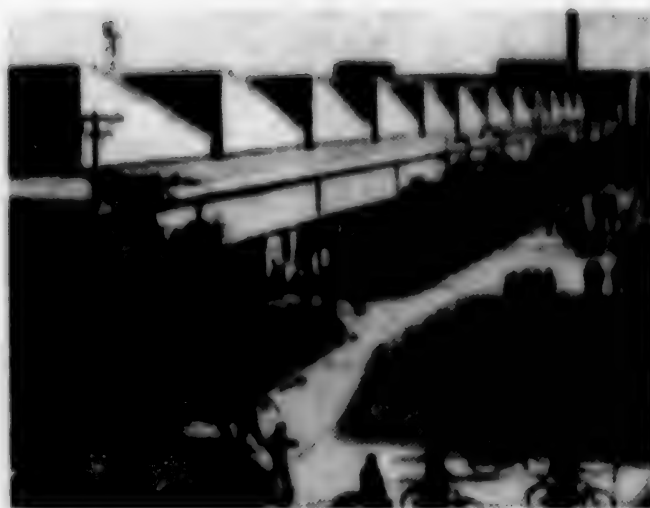


Fig. 5 Photograph of Zhejiang's first fine woolen textile mill--Jiaxing Woolen Textile Mill No 2.

[Source: Beijing GUANGMING RIBAO in Chinese 20 May 81 p 1]



Fig. 6 View of a modified winder at the Shanghai Chemical Fiber Plant No 13. In 1980, this plant produced an additional 540 metric tons of dacron short fibers, increasing its profits by 860,000 yuan.

[Source: Wuhan CHANGJIANG RIBAO in Chinese 2 Apr 81 p 3]

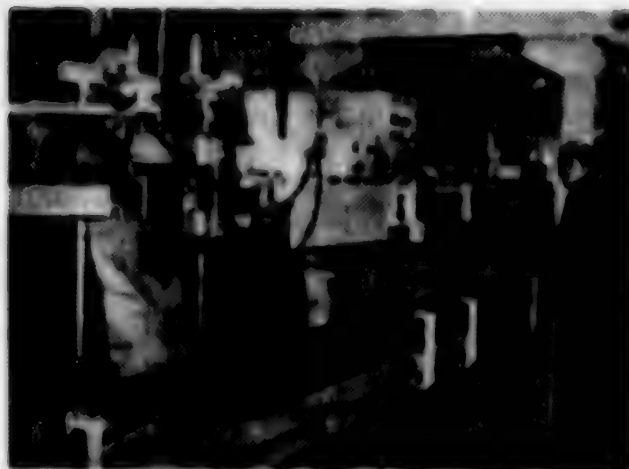


Fig. 7 Photo showing a worker at the Tianjin Petrochemical Fiber Plant operating an automatic polyester chip packing machine. The plant's polyester shop was put into operation in November 1980.

[Source: Tianjin TIANJIN RIBAO in Chinese 29 Apr 81 p 2]



Fig. 8 A hydroelectric power station of the Dujiangyan Project in Sichuan Province.

[Source: Beijing MINZU HUABAO in Chinese No 4, 1981 p 21]

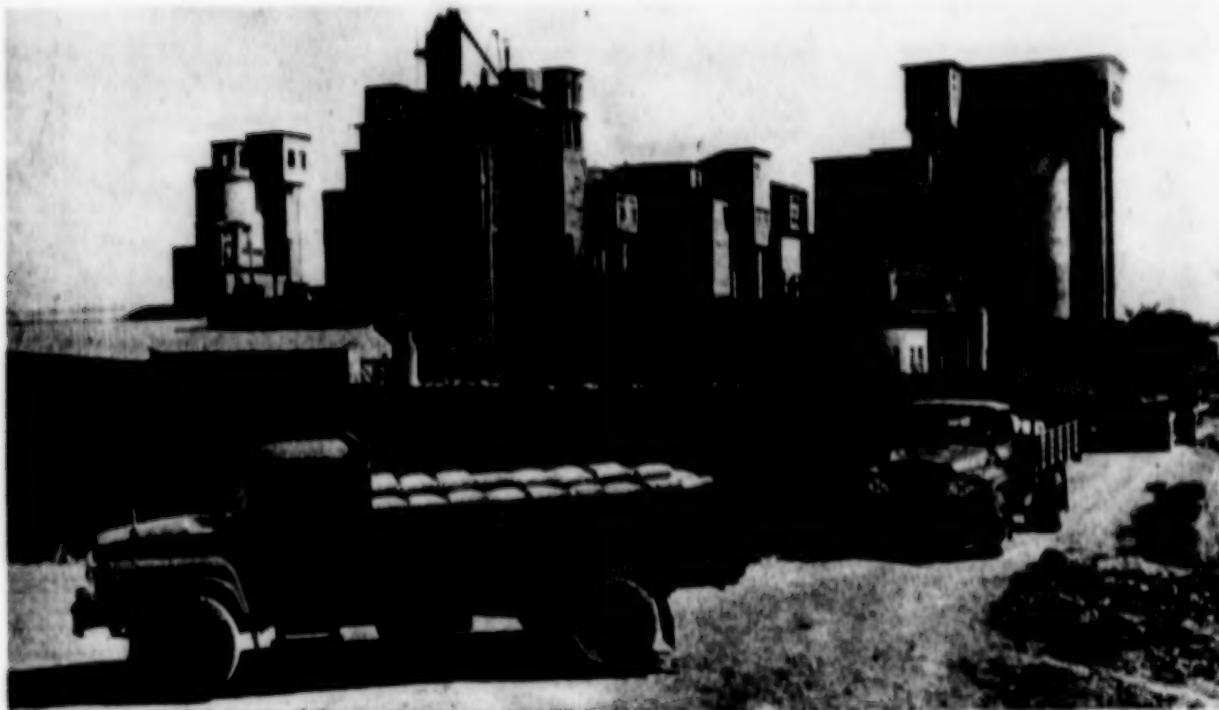


Fig. 9 View of Cement Plant No 1 operated by the Huguang Agricultural, Industrial and Commercial Joint Enterprise in Zhanjiang, Guangdong Province.

[Source: Guangzhou GUANGDONG HUABAO [GUANGDONG PICTORIAL] in Chinese No 3, 1981 p 11]



Fig. 10 Machinery Plant No 3 run by the Huguang Agricultural, Industrial and Commercial Joint Enterprise in Zhanjiang, Guangdong, manufactures all kinds of farm machines and implements.

[Source: Guangzhou GUANGDONG HUABAO [GUANGDONG PICTORIAL] in Chinese No 3, 1981 p 11]

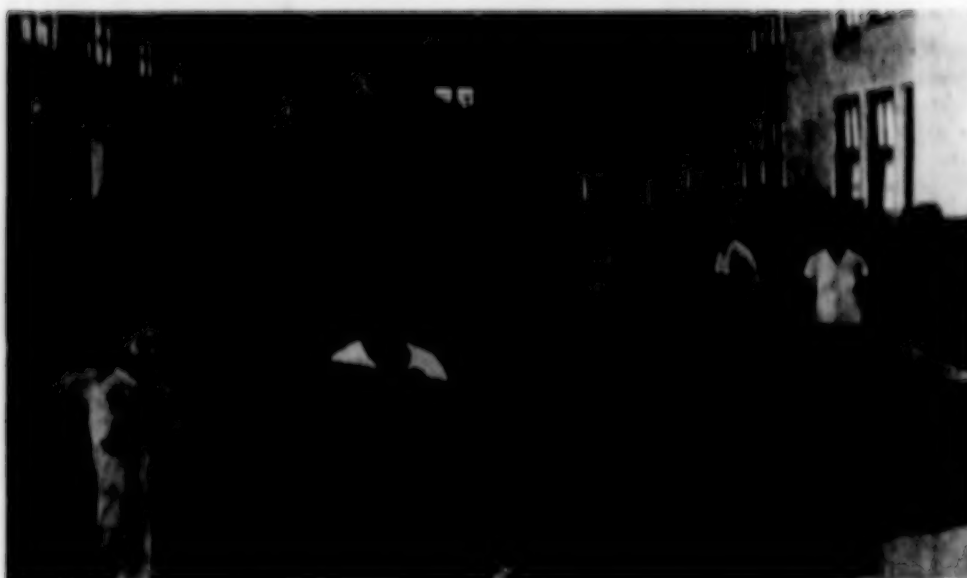


Fig. 11 The Guangfeng Sugar Mill of the Huguang Agricultural, Industrial and Commercial Joint Enterprise in Zhanjiang, Guangdong, produces fiberboard.

[Source: Guangzhou GUANGDONG HUABAO [GUANGDONG PICTORIAL] in Chinese No 3, 1981 p 11]



Fig. 12 Inside view of Guiping Sugar Mill's warehouse in Guangxi.

[Source: Nanning GUANGXI HUABAO [GUANGXI PICTORIAL] in Chinese No 2, 1981 p 7]

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